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DIGITAL EQUIPMENT
COMPUTER USERS SOCIETY

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PC SIG en Management SIG opgericht

Dinsdag 21 augustus 1984 is een gedenkwaardige dag geweest voor DECUS. Maar liefst twee nieuwe SIG's zijn gevormd, de PC SIG en de Management SIG. 's Morgens kwamen ongeveer 70 belangstellenden bijeen in het Sofitel in Den Haag om de eerste Management SIG van Europa op te richten, terwijl 's middags de eigenlijk wel verwachte PC het daglicht aanschouwde in tegenwoordigheid van ongeveer 180 leden.

De Management SIG

Met de oprichting van een Management SIG heeft DECUS Holland wel een heel opmerkelijke stap gezet. De Management SIG richt zich voornamelijk op het hogere management, mensen die niet direct bij de machines betrokken zijn. De inschatting van het bestuur dat de tijd hier nu rijp voor is, is terecht gebleken. Nog nimmer heeft het management van bedrijven die Digital apparatuur gebruiken zo enthousiast en in zo'n grote getale aan DECUS activiteiten deel genomen. Was de Management sessie op het laatste DECUS Holland symposium al een aarzelend begin, dit enthousiasme had ook een optimistisch DECUS bestuur niet verwacht.

De Management SIG bijeenkomst werd gelardeerd met voordrachten van het Digital Management die zeer de moeite waard waren. D. Frost, de Algemeen Directeur van Digital Nederland gaf een korte inleiding, waarna door H. Vermaat (Field Services Mngr.), F. de Meijere (Software Services Mngr.), en J. Posthumus (Educational Services Mngr.) een overzicht gegeven werd van de door Digital geleverde services. Na de koffie vond de eigenlijke oprichting plaats. Gekozen voor het bestuur werden J. Haak, Hoofd Automatisering Michelin, J. de Jong, Hoofd Automatisering Koninklijke Marine, E. Plante, Adjunkt Divisie Manager Pandata en R. Beetz, Account Manager Research Automatisering Organon. Het bestuur wordt gekompleteerd door H. Lakens, Country Marketing Manager Digital. Hoe de SIG het een en ander gaat regelen en welke richting het precies opgaat, dat zal het komende jaar moeten blijken, maar de start was in ieder geval erg goed.

Inhoud

- PC SIG en Management SIG opgericht
- Het Europees Symposium en het Non-Transfer Agreement
- What is DEKCHES?
- Schematisch overzicht Hardware-netwerk configuratie op het DECUS Europe Symposium in Amsterdam
- De Mini-tasker, een blad om te lezen
- RT-11 zoekt nieuwe bestuursleden
- Program Library: nieuwe programma's in de bibliotheek
- DECUS evenementen kalender 1984/1985

PC SIG

In de middag was het de beurt aan de PC SIG. Ook hier ongeveer dezelfde formule: een oprichtingsvergadering vooraf gegaan door presentaties verzorgd door Digital. F. Hendriks gaf hier een inleiding waarin hij Digital's plaats in het PC gebeuren schetste. Twee verhalen over de nieuwste ontwikkelingen van zowel de Rainbow als PC 300 serie waren wel vol nieuwtjes, maar helaas een beetje te snel en te weinig smeugig gebracht. Maar wat wil je als je in 1 1/2 uur zoveel te vertellen hebt. Desalniettemin waren de aanwezigen vol goede moed om de SIG op te richten met maar liefst zes kandidaten voor het bestuur. Ik denk dat dit de eerste keer was in het bestaan van DECUS dat er een keuze verkiezing was. Gekozen voor het bestuur zijn: K. Lingbeek (L.H. Wageningen), J.H. Smeenk (Ideta), A. Mondt (Rabobank) en E.C. van Dantzig (Erasmus Uni). De PC SIG zal vier maal per jaar bijeen komen (naar meer is niet door het bestuur gevraagd).

Hierna volgde er een inventarisatie van de in de toekomst te bespreken onderwerpen, waarvan hierbij een overzicht:

- Public domain software,
- Netwerken,
- Software wensen/klachten,
- Applikaties (tekstverwerking-graphics-werkstations),
- Interfacing,
- DECUS software,
- Software Services (wensen en ervaringen),
- Programma evaluaties,
- Hardware wensen/klachten,
- Symposia houden,
- Cursussen,
- Sales,
- DECmate OS278.

De dag werd besloten met een borrel in het Digital Business Center waar een keur aan PC's staat opgesteld.

Ik denk dat deze dag zeer geslaagd was en wil hierbij Digital bedanken voor de moeite en kosten die zij zich heeft getroost. De nieuwe SIG's wens ik veel succes.

Ronald Beetz
Voorzitter DECUS Holland



DECUS evenementen- kalender 1984

	24 September	DECUS Europe Training Seminars
25	— 28 September	DECUS Europe Symposium Amsterdam
7	— 9 November	DECUS Brazil Symposium Rio de Janeiro
30 Oct — 1 November		DECUS Japan Symposium Tokyo
10	— 14 December	DECUS US Symposium Anaheim, California

The exhibition at the DECUS Europe Symposium, Amsterdam

What is DEKCHES?

In order to demonstrate Digital's array of solutions, a fictitious manufacturing company called DEKCHES has been created. A pseudomanufacturer of chess pieces, DEKCHES is arranged as a typical industrial company. Within each of its departments, application demonstrations pertinent to that particular activity can be found:

Front Office: Generic workstations demonstrating applications for the sales, marketing and program management (MAPPS) functions are located here. As well, Digital's ALL-IN-1 offering for the office, and Digital's new videotex offering, VTX, are shown.

Manufacturing: This department consists of two units, the Production Office, and the Shop-Floor. In the production office, IMPCON and COMETS, both Manufacturing Resource Planning Systems can be seen. On the DEKCHES Shop-Floor, DNC-11, a Numerical Machine Control device will control a lathe employed to turn chess pieces!

Engineering: A highlight of DEKCHES is the array of third party and Digital Classified Software shown in the engineering department. Within the mechanical CAD area are shown: CAM-X, Patran-G, Palette and Euclid; while within electronic CAD are KIC-2, SDS Hilo and VMDS BSO.

Software Development: Digital's extensive offering of operating systems and utilities is located here. VNX on a 730, MicroVMS on a Micro-VAX and VAXELan operating systems as well as the PRO Tool Kit, PRO IV and CMS utilities can be seen.

Training: Demonstrations within this department include IVIS as a training tool within the manufacturing environment as well as LOGO and Computer Managed Learning.

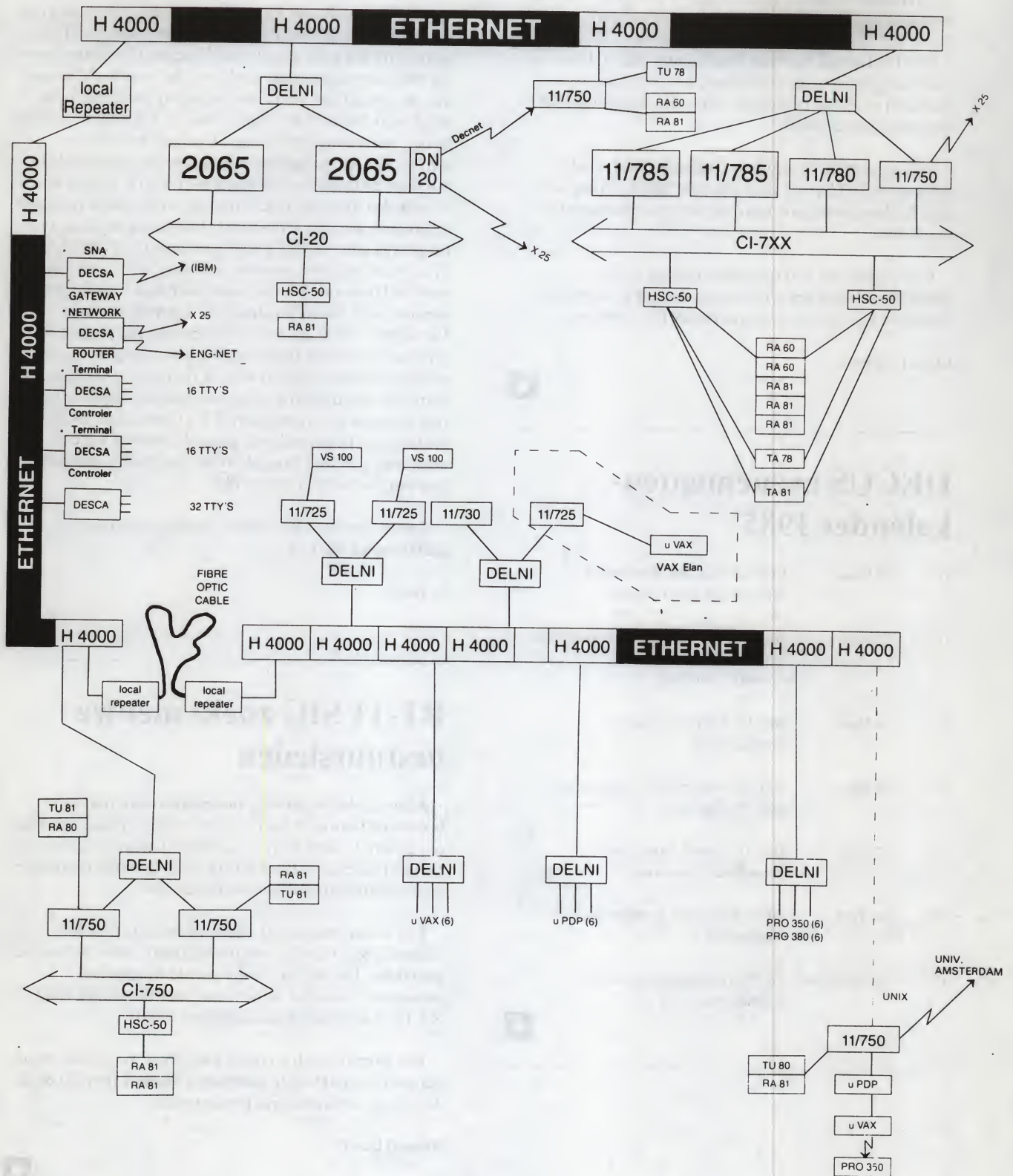
UNIX: The laboratory will be open to all fans of this popular operating system.

Laboratory: Within the laboratory environment one can find applications in three areas: Signal processing, Data Acquisition and Scientific Text Processing. A voice signal analysed by a NICOLET device and routed via a PRO 380 and stored in a VAX can be accessed by the PRO (employing RS/1) for report generation. In another demonstration, an analog signal generated by the PRO 380 via an RTI device to a Black Box is transmitted from the latter to an ADM device and on to another PRO 380. Using the multitasking capabilities of the PRO 380, the binary signal data can then be accessed from the PRO and, employing MASS-11 on CT*OS — both scientific word processing packages — incorporated within a text for report generation.

Special Projects: The special projects department displays languages which are employed today in Artificial Intelligence research: X-SEL, VAX-LISP, OPS5, Prolog and LOGO can be seen and used.



Geplande Hardware-netwerk configuratie op het DECUS Europe Symposium 1984 in Amsterdam



Het Europees Symposium en het Non-Transfer Agreement

Ten behoeve van een vlot verlopende registratie is de deelnemers aan DECUS Europe gevraagd van te voren een NON-Transfer Agreement te tekenen voor alle Digital sessies, omdat Digital nog niet zeker wist of ze informatie kon verschaffen aan de DECUS leden zonder in konflikt te komen met de Amerikaanse exportbepalingen.

DECUS Europe is echter continu met Digital in discussie gebleven om te proberen de restricties zo minimaal mogelijk te houden zonder de inhoud van het symposium te schaden.

Momenteel wordt verwacht dat het NON-Transfer Agreement (NTA) niet voor alle DEC sessies nodig zal zijn. Nadere informatie hierover zal verschijnen op het symposium.

Reeds meer dan 1100 personen hebben zich geregistreerd voor het symposium, dat het grootste ooit gehouden Europees symposium belooft te worden.

Klaas Lingbeek



DECUS evenementenkalender 1985

11	– 15 Maart	DECUS München Symposium München, West-Duitsland
18	– 22 Maart	DECUS UK, Ireland and Middle East Symposium Coventry, England
	26 Maart	DECUS Belux Symposium Brussel, België
27	– 29 Maart	DECUS Switzerland Symposium Bern, Zwitserland
15	– 17 April	DECUS Nordic Symposium Trondheim, Noorwegen
23	– 24 April	DECUS Holland Symposium Amsterdam
16	– 20 September	DECUS Europe Symposium Cannes, Frankrijk



RT-11 Mini-tasker, een blad om te lezen

Nu de newsletters in de toekomst niet meer gratis verstrekt worden, lijkt het mij nuttig iets te vertellen over de RT-11 newsletter 'Mini-tasker'.

De Mini-tasker is het blad van de US RT-11 SIG, maar wordt ook gevuld met Europese bijdragen. Het blad komt in principe om de twee maanden uit, hetgeen vooral de laatste tijd erg goed wordt volgehouden. Het is steeds een dik blad met interessante artikelen. Als voorbeeld geef ik hier de inhoud van het laatste nummer, mei 1984. Er is altijd een rubriek 'User Input', waarin gebruikers van alles en nog wat kunnen schrijven. Deze keer was het een eenvoudig UCL programma (enigszins achterhaald lijkt mij door de Digital versie van RT-11 V5.1). Voorts waren er artikelen over een TECO routine om de meest relevante informatie uit een LINK-map te halen, een methode om het gebrek aan een INCLUDE-statement in FORTRAN-IV te omzeilen voor common gebieden, een verslag van een Field test voor V5, een toekomstbeeld voor RT-11 en een overzicht van de Australische Symposium Tape. Vervolgens wordt een overzicht gegeven van nieuwe RT-11 programma's in de DECUS library en tenslotte is er een artikel genaamd 'How to write RT-11 device handlers'. Ik hoop hiermee duidelijk te hebben gemaakt dat dit blad zeer interessant is voor iedere RT-11 gebruiker. De kosten die hiervoor in de toekomst gemaakt moeten worden verdienen zich snel terug als af en toe gebruikt gemaakt kan worden van een van de tips.

Konkluderend, Mini-tasker, daar moet je op geabonneerd zijn!

R. Beetz



RT-11 SIG zoekt nieuwe bestuursleden

Adri de Raaf en Ronald Beetz zullen hun functie als bestuurslid van de RT-11 SIG neerleggen. Beiden hebben een andere functie binnen hun bedrijf gekregen, zodat zij zich niet meer direkt met RT-11 bezig houden. Daarom zoekt de SIG nu naar nieuwe kandidaten.

Een nieuw bestuur zal worden gekozen op de eerstvolgende SIG bijeenkomst die begin november zal worden gehouden. Die dag zal verder gevuld worden met presentaties omtrent de nieuwste ontwikkelingen rond RT-11. Nadere informatie hierover volgt.

Een ieder die zich nu reeds kandidaat wil stellen, wordt verzocht contact op te nemen met Mieke Lips (030-64 02 22) of een van de huidige bestuursleden.

Ronald Beetz



Nieuwe programma's in de DECUS Program Library

- CPM-101 Vol. 1 Various CP/M Utility Programs
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: Various
Memory Required: 64KB-128KB
- CPM-102 Lawrence Livermore BASIC and Disk Tiny BASIC
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: Various
Memory Required: 64KB-128KB
- CPM-103 Vol. 3 Various BASIC E Games and Programs
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC
Memory Required: 64KB-128KB
The following is a brief description of the programs to be found on the diskette.
- CPM-104 Vol. 4 Actor, ML80 and Examples of FORTRAN-80
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: FORTRAN-80
Memory Required: 64KB-128KB
- CPM-105 Vol. 5 BASIC-E Compilers and Interpreters, BASIC-E Programs Continued From Volume 3, Microsoft BASIC Programs
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC
Memory Required: 64KB-128KB
- CPM-106 Vol. 6 Chicago Area Computer Hobbyist Exchange Software
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC, ASSEMBLY
Memory Required: 64KB-128KB
- CPM-107 Volume 7 Pilot: Programmed Inquiry, Learning and Teaching
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: ASSEMBLY
Memory Required: 64KB-128KB
- CPM-108 Vol. 8 Various CP/M Utility Programs
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: ASSEMBLY
Memory Required: 64KB-128KB
- CPM-109 Vol. 9 General Ledger Program
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC
Memory Required: 64KB-128KB
- CPM-110 Vol. 10 Lawrence Livermore BASIC Interfaced to CP/M With Disk Load of Programs
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: ASSEMBLY
Memory Required: 64KB-128KB
- CPM-111 Vol. 11 Disk Tini Basic and Disk Processor Technology BASIC/5
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: ASSEMBLY
Memory Required: 64KB-128KB
- CPM-112 Vol. 12 Pilot Interpreters Patched for CP/M
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC
Memory Required: 64KB-128KB
- CPM-113 Vol. 13 BASIC-E/CBASIC and Microsoft BASIC Programs & Games
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC
Memory Required: 64KB-128KB
- CPM-114 Vol. 14 Various CP/M Utilities
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: BASIC, ASSEMBLY
Memory Required: 64KB-128KB
- CPM-115 Vol. 15 Utilities and Non-BASIC Games
Version: April 1984
Author: Various Submitted by: Digital Equipment Corporation
Operating System: CP/M-80
Source Language: ASSEMBLY, FORTRAN
Memory Required: 64KB-128KB

- RB-101 DTC/PC; Desktop Calendar for MSDOS on the Rainbow
Version: V1.0, January 1984
Author: Glenn C. Everhart, Ph.D., RCA Corporation, Mt. Holly, NJ
Operating System: Rainbow/MSDOS
Source Language: FORTRAN 77
Memory Required: 128 KB
Other Software Required: MS FORTRAN 77 needed to compile, however, the Executable image is supplied. Special Hardware Required: MSDOS system (V1 or V2) with VT100 compatible terminal, or MSDOS V2 system with ANSI.SYS driver specified in CONFIG.SYS to permit VT100 subset capability cursor controls.
- PRO-109 DECOD2 for the Professional-300 Series
Version: V02, December 1983
Author: Yukoh Kobayashi
Submitted by: Ian Calhaem, Ph.D., Dept. of Scientific and Industrial Research, Wellington, New Zealand
Operating System: RT-11 V5.1 (PRO support requires V5.1 or later)
Source Language: MACRO-11
- PRO-114 FODT: FORTRAN-IV On-Line Debugging Tool for RT-11, for the Professional-300 Series
Version: December 1983
Author: David Beckwith and Michael Kawasaki
Submitted by: Ian Calhaem, Ph.D., Dept. of Scientific and Industrial Research, Wellington, New Zealand
Operating system: RT-11 V5.1 (PRO support requires V5.1 or later)
Source Language: MACRO-11
- PRO-116 Adventure
Version: January 1984
Author: W. Crowther, D. Sutton, K. Blackett, R. Supnik
Submitted by: Ian Calhaem, PH.D., Dept. of Scientific and Industrial Research, Wellington, New Zealand
Operating System: RT-11 V5.1 (PRO support requires V5.1 or later)
Source Language: FORTRAN IV, MACRO-11
- PRO-117 GRASP: Graphics Applications Processor
Version: V1.9, January 1984
Author: Mark Anacker, General Telephone Co. NW, Inc. Everett, WA
Operating System: P/OS V1.5 or V1.7
Source Language: PRO BASIC
Memory Required: 128KB
Other Software required: PRO BASIC
- PRO-118 Work Order Record System
Version: February 1984
Author: Virginia Quinn, Vancouver School District, Vancouver, WA
Operating System: P/OS V1.7
Source Language: RDM 300 (Relational Database)
Memory Required: 512KB
Special Hardware Required: 10 MB Fixed Disc, Printer
- PRO-119 Data Base Management Package, Source Only, for the Professional-300 Series
Version: V2, February 1984
Author: R. DiMarco, South East Queensland Electricity Board, Brisbane, Australia
Submitted by: Ian Calhaem, Ph.D., Dept. of Scientific and Industrial Research, Wellington, New Zealand
Operating System: RT-11 V5.1 (PRO support requires V5.1 or later)
- PRO-120 Data Base Management Package, Binary Kit Only, for the Professional-300 Series
Version: V2, February 1984
Author: R. DiMarco, South East Queensland Electricity Board, Brisbane, Australia
Submitted by: Ian Calhaem, Ph.D., Dept. of Scientific and Industrial Research, Wellington, New Zealand
Operating System: RT-11 V5.1 (PRO support requires V5.1 or later)
Source Language: MACRO-11
Memory Required: 20KW
Special Hardware Required: VT52, VT100, ISC of 7V1912 terminal
- PRO-121 Real-Time Interface Support for the Nicolet Explorer via RS232 for the Professional-300 Series
Version: March 1984
Author: Alan Schweitzer
Submitted by: Digital Equipment Corporation
Operating System: Developed under VAX/VMS V3.5, tested under P/OS V1.7
Source Language: BASIC-PLUS2
Memory Required: 512KB
Other Software required: No other run-time software required. Modification requires Pro Toolkit, Toolkit BASIC-PLUS2, Pro Real-Time Interface Library
Special Hardware Required: PC3XX-AA (Pro Real-Time Interface), Nicolet Model 2090-III Oscilloscope with 2082 interface, external cabling
- 11-666 Data Acquisition and Process Control System for 'MIOS' I/O-Subsystem
Version: V2.1, August 1983
Author: Michael Reger, University of Tuebingen, West Germany
Operating System: RSX-11M V3.2, V4.0
Source Language: FORTRAN IV, MACRO-11
Memory Required: 8KW or later
Special Hardware Required: MIOS-11 Process Control Subsystem, EIS-Processor

- 11-676 ELLIPTIC: Elliptic Integrals and Functions
Version: V2.7, March 1984
Author: Donald Polzin, University Kiel, West Germany
Operating System: RT-11, MUMPS-11
Source Language: FORTRAN IV
- 11-681 MM: A Mastermind Game
Version: December 1982
Author: Howie Driver, Exxon Enterprises, Fountain Inn, SC
Submitted by: Jim Rest, Exxon Enterprises, Fountain Inn, SC
Operating System: RSX-11M V4.0, 4.1
Source Language: FORTRAN IV-PLUS
Memory Required: 16KW
- 11-686 FIXIT: BASIC Translator
Version: V1.0, October 1983
Submitted by: Digital Equipment Corporation
Operating System: RSTS/E V8.0, RSX-11M-PLUS V2.1, RSX-11S V4.1, VAX/VMS V3.4
Source Language: VAX-11 BASIC V2.1, BASIC-PLUS 2
Memory Required: 64KB
- 11-687 FORTRAN Callable Subroutines Package for Fast Continuous A/D on the MINC
Version: V1.0, November 1983
Submitted by: Digital Equipment Corporation
Operating System: RT-11 V5.0
Source Language: FORTRAN IV, MACRO-11
Memory Required: 280 (decimal) Words
Other Software Required: MACRO-11, Assembler, RT-11 O/S, FORTRAN IV compiler
Special Hardware Required: MNCAD-MINC A/D Module, MNCKW-MINC Clock Module
- 11-688 Monitor Commands for Namelists Package
Version: V1.0, November 1983
Author: John Alexander, Shiva Associates, Sepulveda, CA
Operating System: RT-11
Source Language: TECO-11
Other Software Required: TECO-11
- 11-689 Active Task List Scan
Version: V01090, October 1983
Author: Jim Lemasters, Bunker Ramo Electronic Systems, Westlake Village, CA
Operating System: IAS V3.1
Source Language: MACRO-11
Memory Required: 4KW
Special Hardware Required: VT100 terminal, AVO (optional)
Memory Management required for the FREE MEMORY count to function
- 11-690 File Manipulation Commands
Version: V1.0, November 1983
Author: John Alexander, Shiva Associates, Sepulveda, CA
Operating System: RT-11
Source Language: TECO-11
Other Software Required: TECO-11
- 11-691 PRM-11: PASCAL Record Management
Version: November 1983
Author: Doug Bliss, Toledo Scale, Worthington, OH
Operating System: RSX-11M V4.0, VAX/VMS V3.1
Source Language: MACRO-11, PASCAL (Oregon Software PASCAL-Z)
Memory Required: 1KW plus RMS-11 plus user code
Other Software Required: RMS-11, Oregon Software (OMSI) PASCAL-2 V2.1
- 11-692 TRAMP for RSX-11
Version: November 1983
Author: F.A. Minkema and R. Beetz
Submitted by: R. Beetz, Akzo Pharma, The Netherlands
Operating System: RSX-11M
Source Language: 1 FORTRAN IV-PLUS
Memory Required: 58KB
Special Hardware Required: VT100 series
- 11-693 TRAMP for RT-11
Version: November 1983
Author: F.A. Minkema and R. Beetz
Submitted by: R. Beetz, Akzo Pharma, The Netherlands
Operating System: RT-11
Source Language: FORTRAN IV
Memory Required: 58KB
Other Software Required: RT-11 SYSLIB
Special Hardware Required: VT100 series
- 11-694 WORD: Document Spelling Checker/Corrector
Version: June 1983
Author: R.R. DiMarco, South East Old Electricity Board, Brisbane, Australia
Operating System: RSTS/E, RT-11, TSX-PLUS
Source Language: MACRO-11
Memory Required: 28KB
Special Hardware Required: EIS
- 11-695 DBSMNG: Small Database Management Package Binary Kit
Version: V2, November 1983
Author: R.R. DiMarco, South East Old Electricity Board, Brisbane, Australia
Operating System: RSTS/E V7 under RT-11 emulator, RT-11 V4, TSX-PLUS V3
Source Language: MACRO-11
Memory Required: 20KB
Special Hardware Required: EIS
- 11-696 CAI: Computer Assisted Instruction Package
Version: V1.0, January 1984
Author: William R. Leng, University, New Haven, CT
Operating System: RSTS/E V7.1
Source Language: BASIC-PLUS-2
Memory Required: 31KB
Other Software Required: BASIC-PLUS-2 Compiler and task builder
Special Hardware Required: VT100 or compatible terminal

- 11-697 TCFL: Terminal Control Function Library
Version: V1.0, July 1983
Author: Stephen Cribbs, Atomic Energy of Canada Limited, Pinawa, Canada
Operating System: RT-11 V4 or later
Source Language: MACRO-11
Memory Required: Varies with features required
- 11-698 MJCLOK: Multi-job Clock Program
Version: V01, February 1984
Author: Stephen Cribbs, Atomic Energy of Canada, Pinawa, Canada
Operating System: RT-11 V4
Source Language: MACRO-11
Memory Required: 1K Words
Other Software Required: This program requires the use of either the RT-11 Foreground/Background Monitor (FB) or the Extended Memory Monitor (XM)
Special Hardware Required: VT100 terminal
- 11-699 Whetstone Benchmark
Version: February 1984
Author: Ethan Van Matre, Real Time Control, Portland, OR
Operating System: RSX-11M V3.2, V4, RT-11 V4
Source Language: FORTRAN IV
Other Software Required: FORTRAN Compiler
Special Hardware Required: Can be run without any extra math hardware. Requires line clock
- 11-700 CUX: A Virtual Terminal Program
Version: V1.0, January 1984
Author: Robert J. Donovan, Graef Anhalt Schloemer & Assoc., Milwaukee, WI
Operating System: RSX-11M V4.1
Source Language: C
Memory Required: Maximum 13KW
Other Software Required: DECUS C Language System, Second Master Release (November 1983)
Special Hardware Required: Minimum of two serial ports
- 11-702 SIMQU: Simulated Line Printer Queue
Version: V1, January 1984
Author: William B. Leng, Southern Connecticut State University, New Haven, CT
Operating System: RSTS/E
Source Language: BASIC-PLUS-2
Memory Required: 15KW
Special Hardware Required: VT100 Terminal
- 11-707 CONEFR.BAS: Cone Frustrum Layout
Version: February 1984
Author: Fred Fortman, National Metal Fabricators, Elk Grove Village, IL
Operating System: RT-11 V2, V3
Source Language: BASIC-11
Memory Required: 16K minimum
- 11-708 RSTS System Utilities from the University of Tennessee
Version: February 1984
Author: Harry Flowers and John Gill, University of Tennessee, Memphis, TN
Operating System: RSTS/E V7.1 or later
Source Language: BASIC-PLUS
Memory Required: Varies
Other Software Required: DEC spooling package for SPLRUN program
- 11-709 DECODE4: RT-11 SAV-Files Dis-assembler
Version: February 1984
Author: Henry O. Peterson, Bend, OR
Operating System: RT-11 V3, HEATH HT-11 H101A-5
Source Language: MACRO-11
Memory Required: 5.4KW
Other Software Required: RUNOFF (DECUS 11-530), documentation is in RUNOFF format
- 11-710 BUPRES: A Program Which Reads Individual Files from a Magtape
Version: February 1984
Author: Michael L. Johnson, University of Virginia, Charlottesville, VA
Operating System: RT-11 V5 required, TSX-PLUS
Source Language: FORTRAN-IV, MACRO-11
Memory Required: 22KB
Other Software Required: EXTMT (DECUS No. 11-337), a copy of which is included in this distribution
Special Hardware Required: MT Magtape Drive BUPRES is a FORTRAN IV program which reads individual files from a magnetic tape (MT:) created by the RT-11 version 5 BACKUP/DEVICE command
- 11-711 RORLDMA: DMA Interlock for RSX
Version: February 1984
Author: J. Bernstein, Brookhaven National Laboratory, Upton, NY
Operating System: RSX-11M V4 (modifications required for later versions)
Source Language: MACRO-11
Memory Required: 150KW + 15KW per driver
Other Software Required: Digital Equipment Corporation's RSX-11M Version 4 Release Kit
- 11-712 SKIPAG: File Utility to Skip Blocks/Pages
Version: February 1984
Author: Kim H. Colwell, Gray, Cary, Ames & Frye, San Diego, CA
Operating System: RSTS/E V6.C, V7.0
Source Language: BASIC-PLUS
Memory Required: 4KW
- 11-713 SYMBUG: Symbolic Debugger for Use with MACRO Programs
Version: V2.0, February 1984
Author: Joy Veronneau, St. Michael's College, Winooski, VT
Operating System: RSTS/E V8.0
Source Language: MACRO-11

- 11-714 DATA BASE: A Rudimentary Data Base Generator
Version: V1.0, February 1984
Author: Leif R. Dunn, Niceville, FL
Operating System: RT-11 V03B/HT-11
Source Language: PASCAL
Memory Required: Minimum 8.5KW
Special Hardware Required: NBS PASCAL Requirements (EIS/FIS Optional), minimum RX01 random access storage device
- 11-715 FILEDT
Version: V4.1, February 1984
Author: Brent Dunlock, Arizona State University, Tempe, AZ
Operating System: RSTS/E V8.0
Source Language: BASIC-PLUS2
Memory Required: 15KW
- 11-716 EDCMD: Command Line Editor and Command Line Recall
Version: January 1984
Author: Robert Iden, B.F. Goodrich R & D Center, Brecksville, OH
Operating System: RSX-11M V4.0
Source Language: FORTRAN IV, MACRO-11
Memory Required: 5.8KW EDCMD
- 11-717 One-Drive Diskette and File Copy
Version: March 1984
Author: Henry O. Peterson, Bend, OR
Operating System: RT-11 V3, Heath HT-11 H101A-5 USCD PASCAL Version 11.0
Source Language: MACRO-11, USCD PASCAL
Memory Required: 8KW
Other Software Required: For PASCAL programs: USCD PASCAL, Version 11.0 including the means to: Copy from RT-11, compile and assemble.
For Documentation: RUNOFF with hyphenation (DECUS No. 11-530)
Special Hardware Required: At least one RX01 floppy drive with: CSR at 177170, DBR at 177172, octal. One drive must be DXO
- 11-718 Alphabetical Directory Sort
Version: February 1984
Author: Anatoly Lokshin, JPL, Pasadena, CA
Operating System: RSX-11M
Source Language: FORTRAN 77, MCR
Memory Required: 110×512 Bytes
Other Software Required: MCR and DCL (PDP-11 Command Languages)
- 11-719 PLANS: A Program to Plot Hardcopy on the Versatec Printer
Version: March 1984
Author: Tom Chenault, White Sands Missile Range, NM
Operating System: RSX-11D V3.2
- Source Language: FORTRAN 77
Memory Required: 32KB
Other Software Required: Versatec's VERSAPLOT Package
Special Hardware Required: Versatec's Printer-Plotter (Models 1200-UP)
- 11-720 STONE: A Program for Resolving Mossbauer Spectra
Version: July 1983
Author: A.J. Stone, K.M. Parkin and M.D. Dyar
Submitted by: M. Darby Dyar, Massachusetts Institute of Technology, Cambridge, MA
Operating System: RT-11 V4.0, MINC V1.2
Source Language: FORTRAN IV
Memory Required: 40KB
Special Hardware Required: (Two) RX02 floppy Disk ports or storage greater than 1600 blocks
- 11-721 KW11-C Subroutines
Version: V2.0, December 1983
Author: Dietrich Fuessel
Operating System: RSX-11M (FORTRAN callable subroutine - Operating System Independent)
Source Language: MACRO-11
Memory Required: 500 KB
Special Hardware Required: KW11-C Calendar Clock
- 11-722 Grade Book
Version: February 1984
Author: James M. Gregory Jr., Clark Technical College, Springfield, OH
Operating System: RSTS/E V8.07
Source Language: BASIC-PLUS-2
Memory Required: 21KW
Special Hardware Required: VT100 or Adds Viewpoint Terminals
- 11-723 MTSKOUT: Read a Tape in Card Format
Version: March 1984
Author: Adriana Levi, University of Florence, FIRENZE, Italy
Operating System: IAS V3.0
Source Language: FORTRAN IV
Memory Required: 8KW
- 11-724 MTSKIN: Write on a Tape in Card Format
Version: March 1984
Author: Adriana Levi, University of Florence, FIRENZE, Italy
Operating System: IAS V3.0
Source Language: FORTRAN IV
Memory Required: 7KW
- 11-725 PASCAL Formatter
Version: August 1983
Author: John E. Crider, Shell Oil Company, Houston, TX
Operating System: RSX-11M, VAX/VMS, UCSD P-System
Source Language: PASCAL

- 11-726 IAS MAIL
Version: March 1984
Author: R.N. Stillwell, Baylor College of Medicine, Houston, TX
Operating System: IAS V3.1
Source Language: MACRO-11, FLECS
Memory Required: 16KW
Other Software Required: Flecs Preprocessor
- 11-727 SCPLT: CRT Screen Plot Program
Version: V1, March 1984
Author: Brian Guthrie, LRSB, Philadelphia, PA
Operating System: RT-11SJ V4.0
Source Language: FORTRAN IV
Memory Required: 8707W
- 11-728 BARON: Principle, Payment, Amortization and Interest Information
Version: March 1984
Author: Sally Swedine, VA Medical Center, Seattle, WA
Operating System: RSX-11M V4.0
Source Language: FORTRAN IV, FORTRAN IV-PLUS, FORTRAN 77
Memory Required: 14600KW
Special Hardware Required: Optional Printer
- 11-SP-58 DECTalk Application Support Library
Version: February 1984
Submitted by: Digital Equipment Corporation
Operating System: RSTS/E V7.1, VAX/VMS V3.4, P/OS V1.7 with native toolkit, UNIX 4.2 BSD
Source Language: BASIC-PLUS, C, MACRO-11, COBOL
Memory Required: Varies
Special Hardware Required: DECTalk DTC01
- 11-SP-61 Symposium Tape from the European RT-11 SIG, 1982, Warwick
Version: Fall 1982
Author: Various
Submitted by: Ray Carpenter
Operating System: RT-11
Source Language: Various
- 11-SP-62 Compendium Tape from the Australian RT-11 SIG
Version: Spring 1980 – Fall 1983
Author: Various
Submitted by: R.N. Caffin, CSIRO Textile Physics, Ryde NSW, Australia
Operating System: RT-11 V4, V5
Source Language: BASIC-11, C, FOCAL, FORTRAN IV, MACRO-11, PASCAL
- 11-SP-64 1984 RT-11 Collection Tape
Version: April 1984
Author: Various
Submitted by: N.A. Bourgeois Jr., Sandia National Laboratories, Albuquerque, NM
Operating System: RT-11, TSX-PLUS
Source Language: Various, including BASIC-11, C, FORTRAN IV, MACRO-11, TECO
- V-SP-16 Composite of VAX Systems SIG Symposia Tapes
Version: Spring 1979 – Spring 1982
Author: Various
Submitted by: Joe L. Bingham, Mantech International, Alexandria, VA
Operating System: VAX/VMS
Source Language: Various
Other Software Required: None for most programs, but there may be exceptions
Special Hardware Required: None for most programs, but there may be exceptions
- V-SP-20 DECTalk Application Support Library
Version: February 1984
Submitted by: Digital Equipment Corporation
Operating System: RSTS/E V7.1, VAX/VMS V3.4, P/OS V1.7 with native toolkit, UNIX V4.2 BSD
Source Language: BASIC-PLUS, C, MACRO-11, COBOL
Memory Required: Varies. Special DECTalk DTC01
- V-SP-23 Symposium Tape from the European VAX SIG, 1982, Warwick
Version: Fall 1982
Author: Various
Submitted by: Paul Shrager
Operating System: VAX/VMS
Source Language: Various
- VAX-75 SETPRV: Privilege on Demand Utility
Version: October 1983
Author: Michael D. Weaver, U.S.A.F., Pentagon, VA
Operating System: VAX/VMS V3.4
Source Language: VAX-11, FORTRAN
Memory Required: 512KB
- VAX-76 VAX-11 DSM Routine Buffer Editor by using Screen Editor
Version: V1.0, September 1983
Author: Yasuaki Fukunaga, Univ. of Occupational & Environmental Health, Japan School of Medicine, Japan
Operating System: VAX/VMS V3.3
Source Language: VAX-11 DSM
Memory Required: 16KB
Other Software Required: VAX-11 DSM V2.0, VMS V3.0, VAX Screen Editor
Special Hardware Required: VT100, 102 series
- VAX-77 INFO: Performance Measurement Tool to Display Top CPU Procedure Within Program
Version: V01.11, September 1983
Author: T. Miles, TRIUMF, Vancouver, Canada
Operating System: VAX/VMS
Source Language: MACRO-11
Other Software Required: VAX-11 Run-time Library

- VAX-80 IFMOD: Module Regeneration Utility Aid
Version: January 1984
Author: Robert A. Harris, Leeds & Northrup Co., North Wales, PA
Operating System: VAX/VMS
Source Language: VAX-11, MACRO
- VAX-81 VAXACCTNG: A System Accounting Program
Version: March 1984
Author: Fred Lengerich, Tri-State G and T, Denver, CO
Operating System: VAX/VMS V3.4
Source Language: VAX-11 FORTRAN
Memory Required: 1000 peak virtual pages
- VAX-82 CURRPARAM.COM: A Command Procedure For System Parameters
Version: V1.0, February 1984
Submitted by: Digital Equipment Corporation
Operating System: VMS V3.0 or later
Source Language: DCL
- 10-SP-5 Symposium Tape from the European DECSYSTEM-10/20 SIG, 1983, Zürich
Version: Fall 1983
Author: Klaas Lingbeek et. al, Agricultural University, Wageningen, The Netherlands
Operating System: TOPS-10
Source Language: Various
- 10-SP-6 Symposium Tape from the DECsystem-10 SIG, Fall '83, Las Vegas
Version: Fall 1983
Author: Various
Submitted by: Jack Stevens, Gillette Company, Boston, MA
Operating System: TOPS-10
Source Language: MACRO-10
Other Software Required: Modifications to N.I.H. Mail requires N.I.H. Mail (available directly from N.I.H. - see internal documentation). Galaxy restart program and alarm clock program require Galaxy V4.1)
- 10-357 Student Resume System
Version: December 1983
Author: Donald E. Barth, Yale University, New Haven, CT
Operating System: TOPS-10
Source Language: FORTRAN-10
- 10-358 JOBS Interview Request System
Version: February 1984
Author: Donald E. Barth, Yale University, New Haven, CT
Operating System: TOPS-10
Source Language: FORTRAN-10
- 20-SP-4 Symposium Tape from the European DECSYSTEM-10/20 SIG, 1983, Zürich
Version: Fall 1983
Author: Klaas Lingbeek et. al, Agricultural University, Wageningen, The Netherlands
Operating System: TOPS-20
Source Language: Various
- 20-174 Student Resume System
Version: December 1983
Author: Donald E. Barth, Yale University, New Haven, CT
Operating System: TOPS-20
Source Language: FORTRAN-20
The Resume program is a simple line editor and word processor designed specially for the production of resumes by all of the students in a class
- 20-175 JOBS Interview Request System
Author: Donald E. Barth, Yale University, New Haven, CT
Operating System: TOPS-20
Source Language: FORTRAN-20
- 20-176 SFTOVX: An APLSF to VAX APL Migration Utility
Version: V1.0, March 1984
Submitted by: Digital Equipment Corporation
Operating System: TOPS-20 V5, VAX/VMS V3
Source Language: APL SFTOUX is a set of utility programs and procedures for migrating APLSF workspace and data files to VAX APL
- 20-177 MICOM.EXE: A Program to Control a MICOM Port Selector
Version: V1(7), April 1984
Author: Douglas Bigelow, Wesleyan University, Middletown, CT
Operating System: TOPS-20 V5.1
Source Language: MACRO-20
Memory Required: 3K
Special Hardware Required: None on DECSYSTEM-20; needs MICOM port contention system
- 20-178 WPS/M: Word Processing/Editing Program
Version: V3(366), April 1984
Author: Douglas Bigelow, Wesleyan University, Middletown, CT
Operating System: TOPS-20 V.4, 4.1, and V5
Source Language: MACRO-20
Memory Required: 10K
- 8-934 PASCAL OS/8
Version: V1-O-F, February 1984
Author: John T. Easton, University of Minnesota, Minneapolis, MN
Operating System: OS/8 V3
Source Language: PASCAL, PDP-8
MACREL-LINK
Memory Required: 24KW

Informatie betreffende distributie-media, vereiste configuratie e.d. kan worden verstrekt door de DECUS sekretaresse.



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